| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-----------|------|--|--------------------|---------------------|---------|------------------|
| L1 | 4657 | ((455/131,232.1,234.1,250.1,245.1, 324,283,287,251.1,304) or (375/345, 346)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/06/11 08:28 |
| L2 | 357 | quadrature near8 (offset\$3 or delay\$3) near8 dc | US-PGPUB; USPAT | OR | OFF | 2007/06/11 08:28 |
| L3 | 63 | L2 and L1 | US-PGPUB; USPAT | OR | OFF | 2007/06/11 08:28 |
| L4 | 637 | delay near6 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3) near7 vector | US-PGPUB; USPAT | OR | ON | 2007/06/11 08:28 |
| L5 | 5 | delay near3 vector near6 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3) near7 offset\$4 | US-PGPUB; USPAT | OR | ON | 2007/06/11 08:28 |
| L6 | 54 | mix\$3 near12 L2 | US-PGPUB; USPAT | OR | OFF | 2007/06/11 08:29 |
| L7 | 402 | quadrature near12 dc near4 offset\$4 | US-PGPUB; USPAT | OR | ON | 2007/06/11 08:29 |
| S1 | 3 | (("6321073") or ("6161004") or ("20020114413")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/05/14 11:52 |
| S2 | 219 | quadrature near8 (offset\$3 or delay\$3) near8 dc | US-PGPUB; USPAT | OR | OFF | 2005/01/23 15:12 |
| S3 | 3425 | ((455/131,232.1,234.1,250.1,245.1, 324,283,287,251.1,304) or (375/345, 346)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/01/23 15:13 |
| S4 | 39 | S2 and S3 | US-PGPUB; USPAT | OR | OFF | 2005/01/23 15:17 |
| S5 | 29 | mix\$3 near12 S2 | US-PGPUB; USPAT | OR | OFF | 2005/01/23 15:17 |
| S6 | 9 | S3 and S5 | US-PGPUB; USPAT | OR | OFF | 2005/01/23 15:17 |
| S7 | 4004 | ((455/131,232.1,234.1,250.1,245.1, 324,283,287,251.1,304) or (375/345, 346)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/03 14:10 |
| S8 | 1 | ("20020114413").PN. | US-PGPUB; USPAT | OR | OFF | 2006/05/03 14:10 |
| S9 | 4030 | ((455/131,232.1,234.1,250.1,245.1, 324,283,287,251.1,304) or (375/345, 346)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/14 11:50 |
| S10 | 4030 | ((455/131,232.1,234.1,250.1,245.1, 324,283,287,251.1,304) or (375/345, 346)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/14 11:50 |
| S11 | 3 | (("6321073") or ("6161004") or ("20020114413")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/05/14 11:52 |

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|-----|-------|---|--------------------|----|-----|------------------|
| S12 | 298 | quadrature near8 (offset\$3 or delay\$3) near8 dc | US-PGPUB; USPAT | OR | OFF | 2006/05/14 11:53 |
| S13 | 0 | S11 and vector | US-PGPUB; USPAT | OR | OFF | 2006/05/14 11:53 |
| S14 | 561 | delay near6 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3) near7 vector | US-PGPUB; USPAT | OR | ON | 2006/05/14 11:58 |
| S15 | 1 | delay near6 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3) near7 vector near8 dc near5 offset | US-PGPUB; USPAT | OR | ON | 2006/05/14 11:55 |
| S16 | 1 | delay near6 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3) near7 vector near12 dc near5 offset | US-PGPUB; USPAT | OR | ON | 2006/05/14 12:03 |
| S17 | 3 | delay near6 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3) near7 vector near12 (inphase or quadrature) | US-PGPUB; USPAT | OR | ON | 2006/05/14 11:56 |
| S18 | 19 | delay near6 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3) near7 vector near12 ("I" or "Q") | US-PGPUB; USPAT | OR | ON | 2006/05/14 11:56 |
| S19 | 9 | S9 and S14 | US-PGPUB; USPAT | OR | OFF | 2006/05/14 11:58 |
| S20 | 250 | delay near3 vector near6 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3) | US-PGPUB; USPAT | OR | ON | 2006/05/14 12:09 |
| S21 | 4030 | ((455/131,232.1,234.1,250.1,245.1, 324,283,287,251.1,304) or (375/345, 346)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/14 12:03 |
| S22 | 2 | S20 and S21 | US-PGPUB; USPAT | OR | OFF | 2006/05/14 12:04 |
| S23 | 75414 | "455".clas. | US-PGPUB; USPAT | OR | OFF | 2006/05/14 12:04 |
| S24 | 19 | S20 and S23 | US-PGPUB; USPAT | OR | OFF | 2006/05/14 12:04 |
| S25 | 5 | delay near3 vector near6 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3) near7 offset\$4 | US-PGPUB; USPAT | OR | ON | 2006/05/14 12:07 |
| S26 | 75 | delay near vector near4 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3) | US-PGPUB; USPAT | OR | ON | 2006/05/14 12:11 |
| S27 | 1 | delay near vector near4 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3) near7 (inphase or "in-phase" or quadrature) | US-PGPUB; USPAT | OR | ON | 2006/05/14 12:11 |
| S28 | 1 | ("20020114413").PN. | US-PGPUB; USPAT | OR | OFF | 2006/05/14 14:20 |

| COC | <u> </u> | | LIC DODLID | OB | OFF | 2006/05/14 14:52 |
|-----|----------|---|--------------------|----|-----|------------------|
| S29 | 5 | compar\$4 near4 (level or gain) near5 (inphase or "in-phase" or quadrature) near5 threshold | US-PGPUB; USPAT | OR | OFF | 2006/05/14 14:53 |
| S30 | 2 | (("6161004") or ("6321073")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/05/14 14:54 |
| S31 | 4268 | ((455/131,232.1,234.1,250.1,245.1, 324,283,287,251.1,304) or (375/345, 346)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/09/29 17:14 |
| S32 | 317 | quadrature near8 (offset\$3 or delay\$3) near8 dc | US-PGPUB; USPAT | OR | OFF | 2006/09/29 17:14 |
| S33 | 57 | (quadrature near8 (offset\$3 or delay\$3) near8 dc).clm. | US-PGPUB; USPAT | OR | ON | 2006/09/29 17:14 |
| S34 | 1 | delay near6 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3) near7 vector near12 dc near5 offset | US-PGPUB; USPAT | OR | ON | 2006/09/29 17:14 |
| S35 | 264 | delay near3 vector near6 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3) | US-PGPUB; USPAT | OR | ON | 2006/09/29 17:15 |
| S36 | 58 | (delay near3 vector near6 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3)).clm. | US-PGPUB; USPAT | OR | ON | 2006/09/29 17:15 |
| S37 | 5 | compar\$4 near4 (level or gain) near5 (inphase or "in-phase" or quadrature) near5 threshold | US-PGPUB; USPAT | OR | OFF | 2006/09/29 17:15 |
| S38 | 1 | (compar\$4 near4 (level or gain) near5 (inphase or "in-phase" or quadrature) near5 threshold).clm. | US-PGPUB; USPAT | OR | OFF | 2006/09/29 17:15 |
| S39 | 4336 | ((455/131,232.1,234.1,250.1,245.1, 324,283,287,251.1,304) or (375/345, 346)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/11/13 13:06 |
| S40 | 324 | quadrature near8 (offset\$3 or delay\$3) near8 dc | US-PGPUB; USPAT | OR | OFF | 2006/11/13 13:06 |
| S41 | 5 | delay near3 vector near6 (measur\$3 or estimat\$3 or calculat\$3 or determin\$3) near7 offset\$4 | US-PGPUB; USPAT | OR | ON | 2006/11/13 13:07 |
| S42 | 1 | quadrature near12 "delay vector" | US-PGPUB; USPAT | OR | ON | 2006/11/13 13:08 |
| S43 | 364 | quadrature near12 dc near4 offset\$4 | US-PGPUB; USPAT | OR | ON | 2006/11/13 13:08 |
| S44 | 55 | quadrature near12 dc near4 offset\$4 near4 correct\$3 | US-PGPUB; USPAT | OR | ON | 2006/11/13 13:54 |
| S45 | 1 | quadrature near12 dc near4 offset\$4 near4 correct\$3 near8 vector | US-PGPUB; USPAT | OR | ON | 2006/11/13 13:10 |
| S46 | 1 | quadrature near12 dc near4 offset\$4 near4 correct\$3 near8 delay\$3 | US-PGPUB; USPAT | OR | ON | 2006/11/13 13:10 |

| S47 | 1 | ("20020114413").PN. | US-PGPUB; | OR | OFF | 2006/11/13 13:54 |
|-----|---|---------------------|-----------|----|-----|------------------|
| | | | USPAT | } | | |